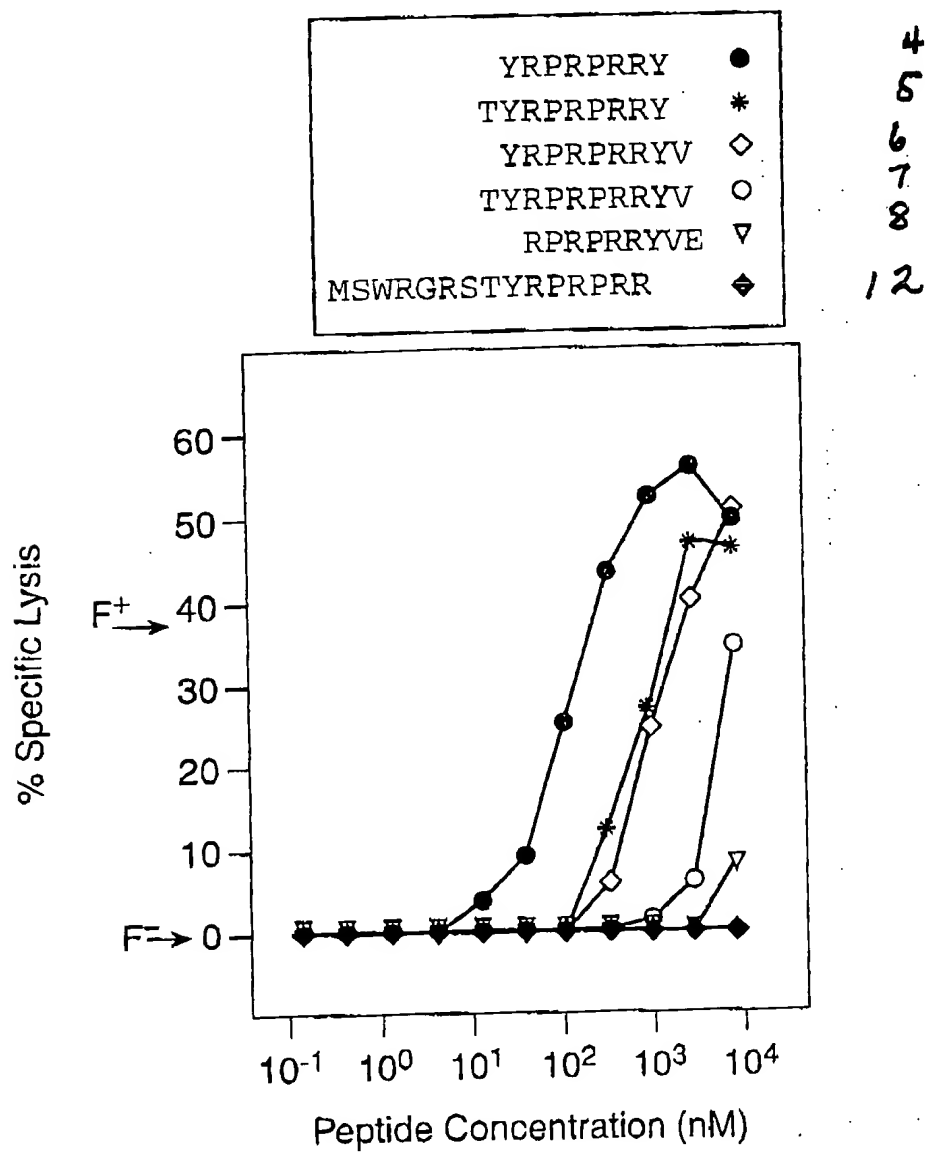


FIG.3

SEQ ID NO:



Seq ID NO. 1

FIG. 4A

01 GAGE-1
14 GAGE-2
15 GAGE-3
14 GAGE-4
17 GAGE-5
18 GAGE-6

-----ACGCCAGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCGG TCCGAGCTCTTTTCCCTTACTGAGATTCA
CTCATATTTCACACAGATGAGTTGGCCAGG AAGATCGACCTATTATTTGCTCTAGGCCAAT AATAGTTCGATTTCCCTGCCAAGCTCATAT
-----CGCCAGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCGG TCCGAGCTCTTTTCCCTTACTGAGATTCA
-----AG CTGTAGGCACTGCTGTGTGCTTCCCTGCGG TCCGAGCTCTTTTCCCTTACTGAGATTCA
-----GCGAGGAG CTGTAGGCACTGCTGTGTGCTTCCCTGCGG TCCGAGCTCTTTTCCCTTACTGAGATTCA

VDE 44

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT
TTTACACACAGATGAAATCTTCAGTTGAGGAGGAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT
TCTGTGTAATATGAGTTGGC GAGGAGA TCGACCTATTCGCTGAGACCAAGACGC TAAGTGAAGCTTCCCTGAATGATTGGCCT

VDE 43

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT
ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT
ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT
ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT
ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT
ATCGGCCCCGAGCAGTTTCAGTGAATGAGTG GAACCAAGCAACCTGAGAGAGGGGAGCCA GCAACTCAACCTCAGGATCCCTGCAGCTGCT

01 GAGE-1
14 GAGE-2
15 GAGE-3
16 GAGE-4
17 GAGE-5
18 GAGE-6

CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT
CAGGAGGAGAGGATGAGGAGCCTCTGCA GGTCAAGGGCCGAAGCCTGAAGCTGATAGC CAGGAACAGGGGTCAACCCACAGACTGGGTGT

FIG. 4B

VDE 24

568 ID No: 01 GAGE-1 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAGAGATGAGGTCTCACTAT 3
14 GAGE-2 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAG 4
15 GAGE-3 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAG 4
16 GAGE-4 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAG 4
17 GAGE-5 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAG 4
18 GAGE-6 GAGTGTGAAGATGCTCTCTGATGGCCAGGAG ATGGACCCCGCCCAATCCAGAGAGGTGAAA ACGCCTGAAGAAG 4

01 GAGE-1 GTTGCCCGAGACTGGGATCTCTCTGGCTTTTA ATGAACAATTGCTTCTTAATCTTTCCCA CGGAACCTGAGTGAATGATATCAAT 4
14 GAGE-2 ----- 4
15 GAGE-3 ----- 4
16 GAGE-4 ----- 4
17 GAGE-5 ----- 4
18 GAGE-6 ----- 4

01 GAGE-1 GCGGAGAGACCCTTTAGTTCCTATCATCTG TGGCATGTGAAGGCAATCAGAGTGTAAAGAGACATGCTGAATGATGTCAGGCTGCT 5
14 GAGE-2 ----- 4
15 GAGE-3 ----- 4
16 GAGE-4 ----- 4
17 GAGE-5 ----- 4
18 GAGE-6 ----- 4

01 GAGE-1 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 6
14 GAGE-2 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 5
15 GAGE-3 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 5
16 GAGE-4 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 5
17 GAGE-5 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 5
18 GAGE-6 CCTATGTTGGAATTTCTTCATTGAAAGTTTC TCCCAATTAAGCTTTACAGCCCTTCTGCATAA GAAAAA 5

FIG. 5

Seq ID NO.

Antigenic
Peptide

26	GAGE-1	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7
27	GAGE-2	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7
28	GAGE-3	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7
29	GAGE-4	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7
30	GAGE-5	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7
31	GAGE-6	MS-WRGHST	MRPRPRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDDPAAQEGEGEDEGASAGQGPKPEA	7

26	GAGE-1	DSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEEMRSHYVAQTGILW	LIMNNCFILMLSPRKP	13
27	GAGE-2	HSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQ	-----	11
28	GAGE-3	DSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQ	-----	11
29	GAGE-4	DSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQ	-----	11
30	GAGE-5	DSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQ	-----	11
31	GAGE-6	DSQEQGHPTGCECEDGPDGQEMDP	PNPEEVKTPEEGEKQSQ	-----	11

FIG. 6

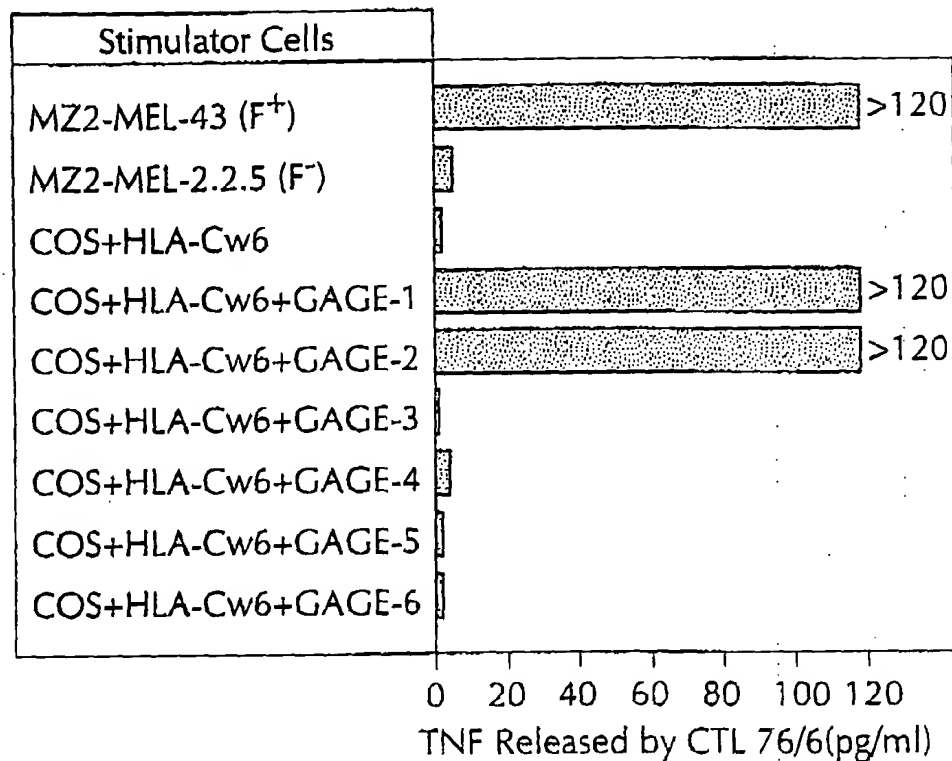
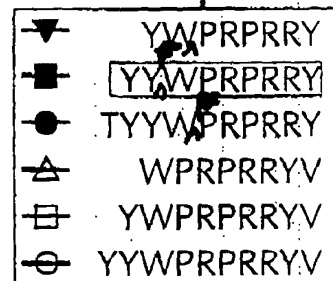
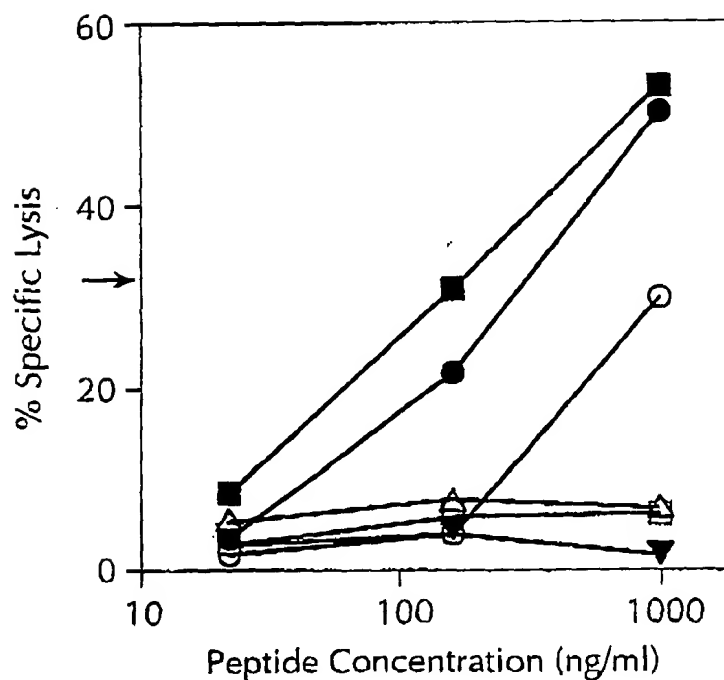


FIG. 8



AMINO
ACID OF
SEQUENCE
NO. 21

5-12
4-12
3-12
6-13
5-13
4-13